

```
from google.colab import drive
drive.mount('/content/drive')
```

Mounted at /content/drive

```
import numpy as np
import pandas as pd
from matplotlib import pyplot as plt
import seaborn as sns
import warnings
warnings.filterwarnings("ignore")
```

```
df = pd.read_csv('/content/drive/MyDrive/project1/diabetes.csv')
```

```
df.head()
```

	Pregnancies	Glucose	BloodPressure	SkinThickness	Insulin	BMI	DiabetesPedigreeFunction	Age	Outcome
0	6	148	72	35	0	33.6	0.627	50	1
1	1	85	66	29	0	26.6	0.351	31	0
2	8	183	64	0	0	23.3	0.672	32	1
3	1	89	66	23	94	28.1	0.167	21	0
4	0	137	40	35	168	43.1	2.288	33	1

```
df.tail()
```

	Pregnancies	Glucose	BloodPressure	SkinThickness	Insulin	BMI	DiabetesPedigreeFunction	Age	Outcome
763	10	101	76	48	180	32.9	0.171	63	0
764	2	122	70	27	0	36.8	0.340	27	0
765	5	121	72	23	112	26.2	0.245	30	0
766	1	126	60	0	0	30.1	0.349	47	1
767	1	93	70	31	0	30.4	0.315	23	0

```
df.isnull().sum()
```

	0
Pregnancies	0
Glucose	0
BloodPressure	0
SkinThickness	0
Insulin	0
BMI	0
DiabetesPedigreeFunction	0
Age	0
Outcome	0

```
dtype: int64
```

```
df.dtypes
```

	0
Pregnancies	int64
Glucose	int64
BloodPressure	int64
SkinThickness	int64
Insulin	int64
BMI	float64
DiabetesPedigreeFunction	float64
Age	int64
Outcome	int64

dtype: object

df.columns

Index(['Pregnancies', 'Glucose', 'BloodPressure', 'SkinThickness', 'Insulin', 'BMI', 'DiabetesPedigreeFunction', 'Age', 'Outcome'], dtype='object')

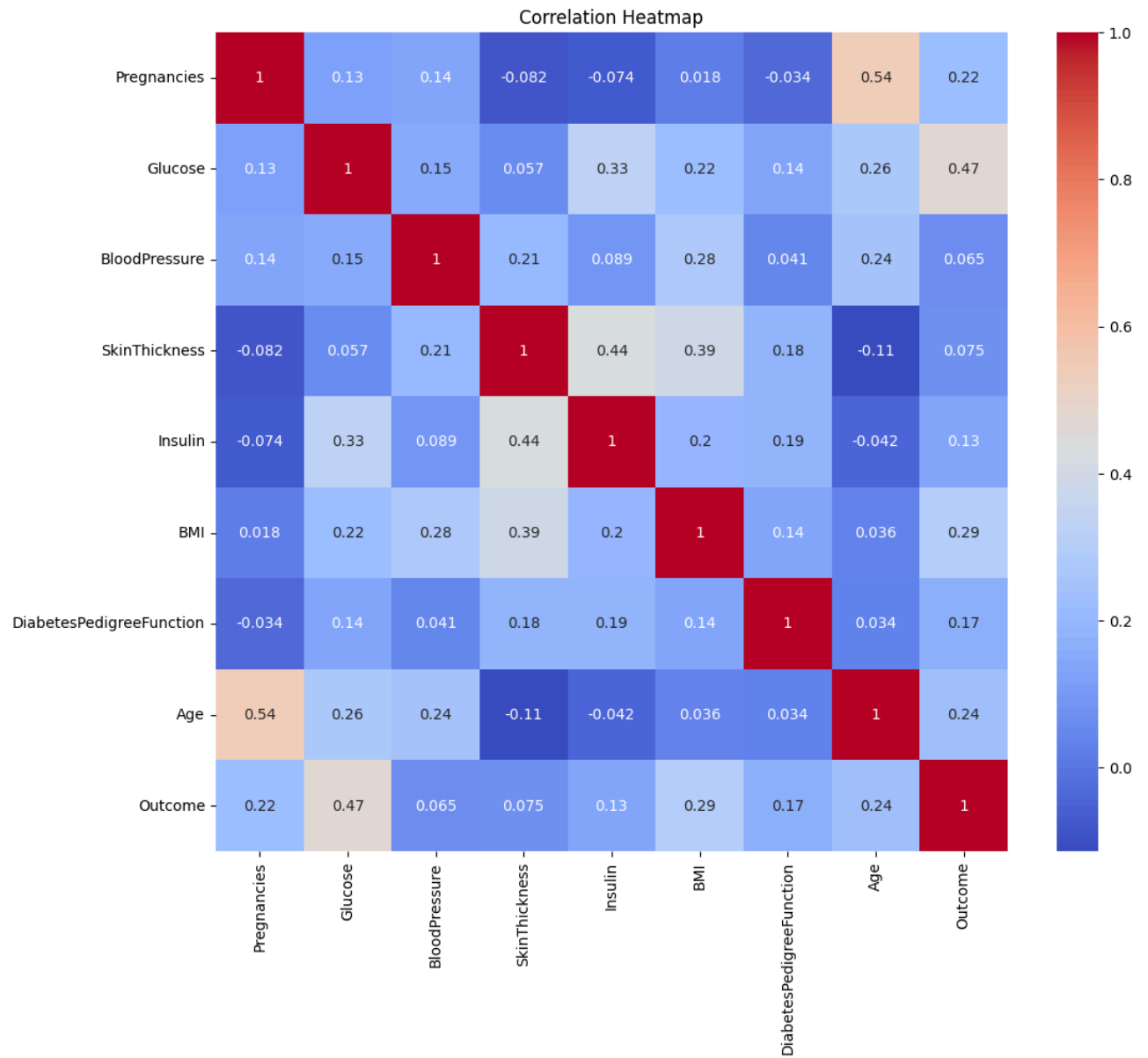
df.describe()

	Pregnancies	Glucose	BloodPressure	SkinThickness	Insulin	BMI	DiabetesPedigreeFunction	Age	Outcome
count	768.000000	768.000000	768.000000	768.000000	768.000000	768.000000	768.000000	768.000000	768.000000
mean	3.845052	120.894531	69.105469	20.536458	79.799479	31.992578	0.471876	33.240885	0.348161
std	3.369578	31.972618	19.355807	15.952218	115.244002	7.884160	0.331329	11.760232	0.476903
min	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.078000	21.000000	0.000000
25%	1.000000	99.000000	62.000000	0.000000	0.000000	27.300000	0.243750	24.000000	0.000000
50%	3.000000	117.000000	72.000000	23.000000	30.500000	32.000000	0.372500	29.000000	0.000000
75%	6.000000	140.250000	80.000000	32.000000	127.250000	36.600000	0.626250	41.000000	1.000000
max	17.000000	199.000000	122.000000	99.000000	846.000000	67.100000	2.420000	81.000000	1.000000

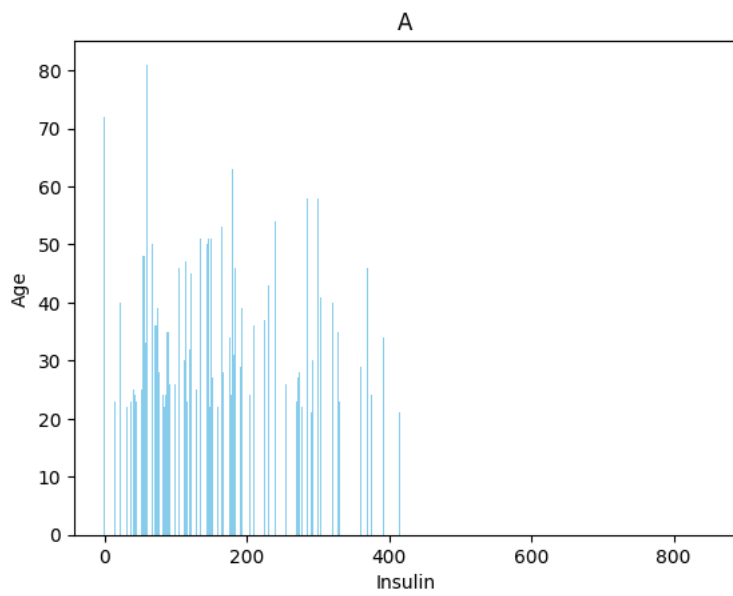
df.shape

(768, 9)

```
plt.figure(figsize=(12, 10))
sns.heatmap(df.corr(), annot=True, cmap='coolwarm')
plt.title('Correlation Heatmap')
plt.show()
```



```
plt.bar(df['Insulin'], df['Age'], color='skyblue')
plt.xlabel("Insulin")
plt.ylabel("Age")
plt.title("A")
plt.show()
```



```
df.style.background_gradient(cmap='viridis')
```


	Pregnancies	Glucose	BloodPressure	SkinThickness	Insulin	BMI	DiabetesPedigreeFunction	Age	Outcome
0	6	148	72	35	0	33.600000	0.627000	50	1
1	1	85	66	29	0	26.600000	0.351000	31	0
2	8	183	64	0	0	23.300000	0.672000	32	1
3	1	89	66	23	94	28.100000	0.167000	21	0
4	0	137	40	35	168	43.100000	2.288000	33	1
5	5	116	74	0	0	25.600000	0.201000	30	0
6	3	78	50	32	88	31.000000	0.248000	26	1
7	10	115	0	0	0	35.300000	0.134000	29	0
8	2	197	70	45	543	30.500000	0.158000	53	1
9	8	125	96	0	0	0.000000	0.232000	54	1
10	4	110	92	0	0	37.600000	0.191000	30	0
11	10	168	74	0	0	38.000000	0.537000	34	1
12	10	139	80	0	0	27.100000	1.441000	57	0
13	1	189	60	23	846	30.100000	0.398000	59	1
14	5	166	72	19	175	25.800000	0.587000	51	1
15	7	100	0	0	0	30.000000	0.484000	32	1
16	0	118	84	47	230	45.800000	0.551000	31	1
17	7	107	74	0	0	29.600000	0.254000	31	1
18	1	103	30	38	83	43.300000	0.183000	33	0
19	1	115	70	30	96	34.600000	0.529000	32	1
20	3	126	88	41	235	39.300000	0.704000	27	0
21	8	99	84	0	0	35.400000	0.388000	50	0
22	7	196	90	0	0	39.800000	0.451000	41	1
23	9	119	80	35	0	29.000000	0.263000	29	1
24	11	143	94	33	146	36.600000	0.254000	51	1
25	10	125	70	26	115	31.100000	0.205000	41	1
26	7	147	76	0	0	39.400000	0.257000	43	1
27	1	97	66	15	140	23.200000	0.487000	22	0
28	13	145	82	19	110	22.200000	0.245000	57	0
29	5	117	92	0	0	34.100000	0.337000	38	0
30	5	109	75	26	0	36.000000	0.546000	60	0
31	3	158	76	36	245	31.600000	0.851000	28	1
32	3	88	58	11	54	24.800000	0.267000	22	0
33	6	92	92	0	0	19.900000	0.188000	28	0
34	10	122	78	31	0	27.600000	0.512000	45	0
35	4	103	60	33	192	24.000000	0.966000	33	0
36	11	138	76	0	0	33.200000	0.420000	35	0
37	9	102	76	37	0	32.900000	0.665000	46	1
38	2	90	68	42	0	38.200000	0.503000	27	1
39	4	111	72	47	207	37.100000	1.390000	56	1
40	3	180	64	25	70	34.000000	0.271000	26	0
41	7	133	84	0	0	40.200000	0.696000	37	0
42	7	106	92	18	0	22.700000	0.235000	48	0
43	9	171	110	24	240	45.400000	0.721000	54	1
44	7	159	64	0	0	27.400000	0.294000	40	0
45	0	180	66	39	0	42.000000	1.893000	25	1

46	1	146	56	0	0	29.700000	0.564000	29	0
47	2	71	70	27	0	28.000000	0.586000	22	0
48	7	103	66	32	0	39.100000	0.344000	31	1
49	7	105	0	0	0	0.000000	0.305000	24	0
50	1	103	80	11	82	19.400000	0.491000	22	0
51	1	101	50	15	36	24.200000	0.526000	26	0
52	5	88	66	21	23	24.400000	0.342000	30	0
53	8	176	90	34	300	33.700000	0.467000	58	1
54	7	150	66	42	342	34.700000	0.718000	42	0
55	1	73	50	10	0	23.000000	0.248000	21	0
56	7	187	68	39	304	37.700000	0.254000	41	1
57	0	100	88	60	110	46.800000	0.962000	31	0
58	0	146	82	0	0	40.500000	1.781000	44	0
59	0	105	64	41	142	41.500000	0.173000	22	0
60	2	84	0	0	0	0.000000	0.304000	21	0
61	8	133	72	0	0	32.900000	0.270000	39	1
62	5	44	62	0	0	25.000000	0.587000	36	0
63	2	141	58	34	128	25.400000	0.699000	24	0
64	7	114	66	0	0	32.800000	0.258000	42	1
65	5	99	74	27	0	29.000000	0.203000	32	0
66	0	109	88	30	0	32.500000	0.855000	38	1
67	2	109	92	0	0	42.700000	0.845000	54	0
68	1	95	66	13	38	19.600000	0.334000	25	0
69	4	146	85	27	100	28.900000	0.189000	27	0
70	2	100	66	20	90	32.900000	0.867000	28	1
71	5	139	64	35	140	28.600000	0.411000	26	0
72	13	126	90	0	0	43.400000	0.583000	42	1
73	4	129	86	20	270	35.100000	0.231000	23	0
74	1	79	75	30	0	32.000000	0.396000	22	0
75	1	0	48	20	0	24.700000	0.140000	22	0
76	7	62	78	0	0	32.600000	0.391000	41	0
77	5	95	72	33	0	37.700000	0.370000	27	0
78	0	131	0	0	0	43.200000	0.270000	26	1
79	2	112	66	22	0	25.000000	0.307000	24	0
80	3	113	44	13	0	22.400000	0.140000	22	0
81	2	74	0	0	0	0.000000	0.102000	22	0
82	7	83	78	26	71	29.300000	0.767000	36	0
83	0	101	65	28	0	24.600000	0.237000	22	0
84	5	137	108	0	0	48.800000	0.227000	37	1
85	2	110	74	29	125	32.400000	0.698000	27	0
86	13	106	72	54	0	36.600000	0.178000	45	0
87	2	100	68	25	71	38.500000	0.324000	26	0
88	15	136	70	32	110	37.100000	0.153000	43	1
89	1	107	68	19	0	26.500000	0.165000	24	0
90	1	80	55	0	0	19.100000	0.258000	21	0
91	4	123	80	15	176	32.000000	0.443000	34	0
92	7	81	78	40	48	46.700000	0.261000	42	0

92	1	91	70	70	70	23.800000	0.277000	72	0
93	4	134	72	0	0	23.800000	0.277000	60	1
94	2	142	82	18	64	24.700000	0.761000	21	0
95	6	144	72	27	228	33.900000	0.255000	40	0
96	2	92	62	28	0	31.600000	0.130000	24	0
97	1	71	48	18	76	20.400000	0.323000	22	0
98	6	93	50	30	64	28.700000	0.356000	23	0
99	1	122	90	51	220	49.700000	0.325000	31	1
100	1	163	72	0	0	39.000000	1.222000	33	1
101	1	151	60	0	0	26.100000	0.179000	22	0
102	0	125	96	0	0	22.500000	0.262000	21	0
103	1	81	72	18	40	26.600000	0.283000	24	0
104	2	85	65	0	0	39.600000	0.930000	27	0
105	1	126	56	29	152	28.700000	0.801000	21	0
106	1	96	122	0	0	22.400000	0.207000	27	0
107	4	144	58	28	140	29.500000	0.287000	37	0
108	3	83	58	31	18	34.300000	0.336000	25	0
109	0	95	85	25	36	37.400000	0.247000	24	1
110	3	171	72	33	135	33.300000	0.199000	24	1
111	8	155	62	26	495	34.000000	0.543000	46	1
112	1	89	76	34	37	31.200000	0.192000	23	0
113	4	76	62	0	0	34.000000	0.391000	25	0
114	7	160	54	32	175	30.500000	0.588000	39	1
115	4	146	92	0	0	31.200000	0.539000	61	1
116	5	124	74	0	0	34.000000	0.220000	38	1
117	5	78	48	0	0	33.700000	0.654000	25	0
118	4	97	60	23	0	28.200000	0.443000	22	0
119	4	99	76	15	51	23.200000	0.223000	21	0
120	0	162	76	56	100	53.200000	0.759000	25	1
121	6	111	64	39	0	34.200000	0.260000	24	0
122	2	107	74	30	100	33.600000	0.404000	23	0
123	5	132	80	0	0	26.800000	0.186000	69	0
124	0	113	76	0	0	33.300000	0.278000	23	1
125	1	88	30	42	99	55.000000	0.496000	26	1
126	3	120	70	30	135	42.900000	0.452000	30	0
127	1	118	58	36	94	33.300000	0.261000	23	0
128	1	117	88	24	145	34.500000	0.403000	40	1
129	0	105	84	0	0	27.900000	0.741000	62	1
130	4	173	70	14	168	29.700000	0.361000	33	1
131	9	122	56	0	0	33.300000	1.114000	33	1
132	3	170	64	37	225	34.500000	0.356000	30	1
133	8	84	74	31	0	38.300000	0.457000	39	0
134	2	96	68	13	49	21.100000	0.647000	26	0
135	2	125	60	20	140	33.800000	0.088000	31	0
136	0	100	70	26	50	30.800000	0.597000	21	0
137	0	93	60	25	92	28.700000	0.532000	22	0
138	0	129	80	0	0	31.200000	0.703000	29	0
139	5	105	72	20	225	26.000000	0.150000	28	0

139	3	103	72	29	323	36.900000	0.139000	20	0
140	3	128	78	0	0	21.100000	0.268000	55	0
141	5	106	82	30	0	39.500000	0.286000	38	0
142	2	108	52	26	63	32.500000	0.318000	22	0
143	10	108	66	0	0	32.400000	0.272000	42	1
144	4	154	62	31	284	32.800000	0.237000	23	0
145	0	102	75	23	0	0.000000	0.572000	21	0
146	9	57	80	37	0	32.800000	0.096000	41	0
147	2	106	64	35	119	30.500000	1.400000	34	0
148	5	147	78	0	0	33.700000	0.218000	65	0
149	2	90	70	17	0	27.300000	0.085000	22	0
150	1	136	74	50	204	37.400000	0.399000	24	0
151	4	114	65	0	0	21.900000	0.432000	37	0
152	9	156	86	28	155	34.300000	1.189000	42	1
153	1	153	82	42	485	40.600000	0.687000	23	0
154	8	188	78	0	0	47.900000	0.137000	43	1
155	7	152	88	44	0	50.000000	0.337000	36	1
156	2	99	52	15	94	24.600000	0.637000	21	0
157	1	109	56	21	135	25.200000	0.833000	23	0
158	2	88	74	19	53	29.000000	0.229000	22	0
159	17	163	72	41	114	40.900000	0.817000	47	1
160	4	151	90	38	0	29.700000	0.294000	36	0
161	7	102	74	40	105	37.200000	0.204000	45	0
162	0	114	80	34	285	44.200000	0.167000	27	0
163	2	100	64	23	0	29.700000	0.368000	21	0
164	0	131	88	0	0	31.600000	0.743000	32	1
165	6	104	74	18	156	29.900000	0.722000	41	1
166	3	148	66	25	0	32.500000	0.256000	22	0
167	4	120	68	0	0	29.600000	0.709000	34	0
168	4	110	66	0	0	31.900000	0.471000	29	0
169	3	111	90	12	78	28.400000	0.495000	29	0
170	6	102	82	0	0	30.800000	0.180000	36	1
171	6	134	70	23	130	35.400000	0.542000	29	1
172	2	87	0	23	0	28.900000	0.773000	25	0
173	1	79	60	42	48	43.500000	0.678000	23	0
174	2	75	64	24	55	29.700000	0.370000	33	0
175	8	179	72	42	130	32.700000	0.719000	36	1
176	6	85	78	0	0	31.200000	0.382000	42	0
177	0	129	110	46	130	67.100000	0.319000	26	1
178	5	143	78	0	0	45.000000	0.190000	47	0
179	5	130	82	0	0	39.100000	0.956000	37	1
180	6	87	80	0	0	23.200000	0.084000	32	0
181	0	119	64	18	92	34.900000	0.725000	23	0
182	1	0	74	20	23	27.700000	0.299000	21	0
183	5	73	60	0	0	26.800000	0.268000	27	0
184	4	141	74	0	0	27.600000	0.244000	40	0
185	7	194	68	28	0	35.900000	0.745000	41	1
186	0	101	60	20	105	36.100000	0.315000	20	0

186	8	181	68	36	495	30.100000	0.615000	60	1
187	1	128	98	41	58	32.000000	1.321000	33	1
188	8	109	76	39	114	27.900000	0.640000	31	1
189	5	139	80	35	160	31.600000	0.361000	25	1
190	3	111	62	0	0	22.600000	0.142000	21	0
191	9	123	70	44	94	33.100000	0.374000	40	0
192	7	159	66	0	0	30.400000	0.383000	36	1
193	11	135	0	0	0	52.300000	0.578000	40	1
194	8	85	55	20	0	24.400000	0.136000	42	0
195	5	158	84	41	210	39.400000	0.395000	29	1
196	1	105	58	0	0	24.300000	0.187000	21	0
197	3	107	62	13	48	22.900000	0.678000	23	1
198	4	109	64	44	99	34.800000	0.905000	26	1
199	4	148	60	27	318	30.900000	0.150000	29	1
200	0	113	80	16	0	31.000000	0.874000	21	0
201	1	138	82	0	0	40.100000	0.236000	28	0
202	0	108	68	20	0	27.300000	0.787000	32	0
203	2	99	70	16	44	20.400000	0.235000	27	0
204	6	103	72	32	190	37.700000	0.324000	55	0
205	5	111	72	28	0	23.900000	0.407000	27	0
206	8	196	76	29	280	37.500000	0.605000	57	1
207	5	162	104	0	0	37.700000	0.151000	52	1
208	1	96	64	27	87	33.200000	0.289000	21	0
209	7	184	84	33	0	35.500000	0.355000	41	1
210	2	81	60	22	0	27.700000	0.290000	25	0
211	0	147	85	54	0	42.800000	0.375000	24	0
212	7	179	95	31	0	34.200000	0.164000	60	0
213	0	140	65	26	130	42.600000	0.431000	24	1
214	9	112	82	32	175	34.200000	0.260000	36	1
215	12	151	70	40	271	41.800000	0.742000	38	1
216	5	109	62	41	129	35.800000	0.514000	25	1
217	6	125	68	30	120	30.000000	0.464000	32	0
218	5	85	74	22	0	29.000000	1.224000	32	1
219	5	112	66	0	0	37.800000	0.261000	41	1
220	0	177	60	29	478	34.600000	1.072000	21	1
221	2	158	90	0	0	31.600000	0.805000	66	1
222	7	119	0	0	0	25.200000	0.209000	37	0
223	7	142	60	33	190	28.800000	0.687000	61	0
224	1	100	66	15	56	23.600000	0.666000	26	0
225	1	87	78	27	32	34.600000	0.101000	22	0
226	0	101	76	0	0	35.700000	0.198000	26	0
227	3	162	52	38	0	37.200000	0.652000	24	1
228	4	197	70	39	744	36.700000	2.329000	31	0
229	0	117	80	31	53	45.200000	0.089000	24	0
230	4	142	86	0	0	44.000000	0.645000	22	1
231	6	134	80	37	370	46.200000	0.238000	46	1
232	1	79	80	25	37	25.400000	0.583000	22	0

233	4	122	68	0	0	35.000000	0.394000	29	0
234	3	74	68	28	45	29.700000	0.293000	23	0
235	4	171	72	0	0	43.600000	0.479000	26	1
236	7	181	84	21	192	35.900000	0.586000	51	1
237	0	179	90	27	0	44.100000	0.686000	23	1
238	9	164	84	21	0	30.800000	0.831000	32	1
239	0	104	76	0	0	18.400000	0.582000	27	0
240	1	91	64	24	0	29.200000	0.192000	21	0
241	4	91	70	32	88	33.100000	0.446000	22	0
242	3	139	54	0	0	25.600000	0.402000	22	1
243	6	119	50	22	176	27.100000	1.318000	33	1
244	2	146	76	35	194	38.200000	0.329000	29	0
245	9	184	85	15	0	30.000000	1.213000	49	1
246	10	122	68	0	0	31.200000	0.258000	41	0
247	0	165	90	33	680	52.300000	0.427000	23	0
248	9	124	70	33	402	35.400000	0.282000	34	0
249	1	111	86	19	0	30.100000	0.143000	23	0
250	9	106	52	0	0	31.200000	0.380000	42	0
251	2	129	84	0	0	28.000000	0.284000	27	0
252	2	90	80	14	55	24.400000	0.249000	24	0
253	0	86	68	32	0	35.800000	0.238000	25	0
254	12	92	62	7	258	27.600000	0.926000	44	1
255	1	113	64	35	0	33.600000	0.543000	21	1
256	3	111	56	39	0	30.100000	0.557000	30	0
257	2	114	68	22	0	28.700000	0.092000	25	0
258	1	193	50	16	375	25.900000	0.655000	24	0
259	11	155	76	28	150	33.300000	1.353000	51	1
260	3	191	68	15	130	30.900000	0.299000	34	0
261	3	141	0	0	0	30.000000	0.761000	27	1
262	4	95	70	32	0	32.100000	0.612000	24	0
263	3	142	80	15	0	32.400000	0.200000	63	0
264	4	123	62	0	0	32.000000	0.226000	35	1
265	5	96	74	18	67	33.600000	0.997000	43	0
266	0	138	0	0	0	36.300000	0.933000	25	1
267	2	128	64	42	0	40.000000	1.101000	24	0
268	0	102	52	0	0	25.100000	0.078000	21	0
269	2	146	0	0	0	27.500000	0.240000	28	1
270	10	101	86	37	0	45.600000	1.136000	38	1
271	2	108	62	32	56	25.200000	0.128000	21	0
272	3	122	78	0	0	23.000000	0.254000	40	0
273	1	71	78	50	45	33.200000	0.422000	21	0
274	13	106	70	0	0	34.200000	0.251000	52	0
275	2	100	70	52	57	40.500000	0.677000	25	0
276	7	106	60	24	0	26.500000	0.296000	29	1
277	0	104	64	23	116	27.800000	0.454000	23	0
278	5	114	74	0	0	24.900000	0.744000	57	0
279	2	108	62	10	278	25.300000	0.881000	22	0

280	0	146	70	0	0	37.900000	0.334000	28	1
281	10	129	76	28	122	35.900000	0.280000	39	0
282	7	133	88	15	155	32.400000	0.262000	37	0
283	7	161	86	0	0	30.400000	0.165000	47	1
284	2	108	80	0	0	27.000000	0.259000	52	1
285	7	136	74	26	135	26.000000	0.647000	51	0
286	5	155	84	44	545	38.700000	0.619000	34	0
287	1	119	86	39	220	45.600000	0.808000	29	1
288	4	96	56	17	49	20.800000	0.340000	26	0
289	5	108	72	43	75	36.100000	0.263000	33	0
290	0	78	88	29	40	36.900000	0.434000	21	0
291	0	107	62	30	74	36.600000	0.757000	25	1
292	2	128	78	37	182	43.300000	1.224000	31	1
293	1	128	48	45	194	40.500000	0.613000	24	1
294	0	161	50	0	0	21.900000	0.254000	65	0
295	6	151	62	31	120	35.500000	0.692000	28	0
296	2	146	70	38	360	28.000000	0.337000	29	1
297	0	126	84	29	215	30.700000	0.520000	24	0
298	14	100	78	25	184	36.600000	0.412000	46	1
299	8	112	72	0	0	23.600000	0.840000	58	0
300	0	167	0	0	0	32.300000	0.839000	30	1
301	2	144	58	33	135	31.600000	0.422000	25	1
302	5	77	82	41	42	35.800000	0.156000	35	0
303	5	115	98	0	0	52.900000	0.209000	28	1
304	3	150	76	0	0	21.000000	0.207000	37	0
305	2	120	76	37	105	39.700000	0.215000	29	0
306	10	161	68	23	132	25.500000	0.326000	47	1
307	0	137	68	14	148	24.800000	0.143000	21	0
308	0	128	68	19	180	30.500000	1.391000	25	1
309	2	124	68	28	205	32.900000	0.875000	30	1
310	6	80	66	30	0	26.200000	0.313000	41	0
311	0	106	70	37	148	39.400000	0.605000	22	0
312	2	155	74	17	96	26.600000	0.433000	27	1
313	3	113	50	10	85	29.500000	0.626000	25	0
314	7	109	80	31	0	35.900000	1.127000	43	1
315	2	112	68	22	94	34.100000	0.315000	26	0
316	3	99	80	11	64	19.300000	0.284000	30	0
317	3	182	74	0	0	30.500000	0.345000	29	1
318	3	115	66	39	140	38.100000	0.150000	28	0
319	6	194	78	0	0	23.500000	0.129000	59	1
320	4	129	60	12	231	27.500000	0.527000	31	0
321	3	112	74	30	0	31.600000	0.197000	25	1
322	0	124	70	20	0	27.400000	0.254000	36	1
323	13	152	90	33	29	26.800000	0.731000	43	1
324	2	112	75	32	0	35.700000	0.148000	21	0
325	1	157	72	21	168	25.600000	0.123000	24	0
326	1	122	64	32	156	35.100000	0.692000	30	1

327	10	179	70	0	0	35.100000	0.200000	37	0
328	2	102	86	36	120	45.500000	0.127000	23	1
329	6	105	70	32	68	30.800000	0.122000	37	0
330	8	118	72	19	0	23.100000	1.476000	46	0
331	2	87	58	16	52	32.700000	0.166000	25	0
332	1	180	0	0	0	43.300000	0.282000	41	1
333	12	106	80	0	0	23.600000	0.137000	44	0
334	1	95	60	18	58	23.900000	0.260000	22	0
335	0	165	76	43	255	47.900000	0.259000	26	0
336	0	117	0	0	0	33.800000	0.932000	44	0
337	5	115	76	0	0	31.200000	0.343000	44	1
338	9	152	78	34	171	34.200000	0.893000	33	1
339	7	178	84	0	0	39.900000	0.331000	41	1
340	1	130	70	13	105	25.900000	0.472000	22	0
341	1	95	74	21	73	25.900000	0.673000	36	0
342	1	0	68	35	0	32.000000	0.389000	22	0
343	5	122	86	0	0	34.700000	0.290000	33	0
344	8	95	72	0	0	36.800000	0.485000	57	0
345	8	126	88	36	108	38.500000	0.349000	49	0
346	1	139	46	19	83	28.700000	0.654000	22	0
347	3	116	0	0	0	23.500000	0.187000	23	0
348	3	99	62	19	74	21.800000	0.279000	26	0
349	5	0	80	32	0	41.000000	0.346000	37	1
350	4	92	80	0	0	42.200000	0.237000	29	0
351	4	137	84	0	0	31.200000	0.252000	30	0
352	3	61	82	28	0	34.400000	0.243000	46	0
353	1	90	62	12	43	27.200000	0.580000	24	0
354	3	90	78	0	0	42.700000	0.559000	21	0
355	9	165	88	0	0	30.400000	0.302000	49	1
356	1	125	50	40	167	33.300000	0.962000	28	1
357	13	129	0	30	0	39.900000	0.569000	44	1
358	12	88	74	40	54	35.300000	0.378000	48	0
359	1	196	76	36	249	36.500000	0.875000	29	1
360	5	189	64	33	325	31.200000	0.583000	29	1
361	5	158	70	0	0	29.800000	0.207000	63	0
362	5	103	108	37	0	39.200000	0.305000	65	0
363	4	146	78	0	0	38.500000	0.520000	67	1
364	4	147	74	25	293	34.900000	0.385000	30	0
365	5	99	54	28	83	34.000000	0.499000	30	0
366	6	124	72	0	0	27.600000	0.368000	29	1
367	0	101	64	17	0	21.000000	0.252000	21	0
368	3	81	86	16	66	27.500000	0.306000	22	0
369	1	133	102	28	140	32.800000	0.234000	45	1
370	3	173	82	48	465	38.400000	2.137000	25	1
371	0	118	64	23	89	0.000000	1.731000	21	0
372	0	84	64	22	66	35.800000	0.545000	21	0
373	2	105	58	40	94	34.900000	0.225000	25	0

374	2	122	52	43	158	36.200000	0.816000	28	0
375	12	140	82	43	325	39.200000	0.528000	58	1
376	0	98	82	15	84	25.200000	0.299000	22	0
377	1	87	60	37	75	37.200000	0.509000	22	0
378	4	156	75	0	0	48.300000	0.238000	32	1
379	0	93	100	39	72	43.400000	1.021000	35	0
380	1	107	72	30	82	30.800000	0.821000	24	0
381	0	105	68	22	0	20.000000	0.236000	22	0
382	1	109	60	8	182	25.400000	0.947000	21	0
383	1	90	62	18	59	25.100000	1.268000	25	0
384	1	125	70	24	110	24.300000	0.221000	25	0
385	1	119	54	13	50	22.300000	0.205000	24	0
386	5	116	74	29	0	32.300000	0.660000	35	1
387	8	105	100	36	0	43.300000	0.239000	45	1
388	5	144	82	26	285	32.000000	0.452000	58	1
389	3	100	68	23	81	31.600000	0.949000	28	0
390	1	100	66	29	196	32.000000	0.444000	42	0
391	5	166	76	0	0	45.700000	0.340000	27	1
392	1	131	64	14	415	23.700000	0.389000	21	0
393	4	116	72	12	87	22.100000	0.463000	37	0
394	4	158	78	0	0	32.900000	0.803000	31	1
395	2	127	58	24	275	27.700000	1.600000	25	0
396	3	96	56	34	115	24.700000	0.944000	39	0
397	0	131	66	40	0	34.300000	0.196000	22	1
398	3	82	70	0	0	21.100000	0.389000	25	0
399	3	193	70	31	0	34.900000	0.241000	25	1
400	4	95	64	0	0	32.000000	0.161000	31	1
401	6	137	61	0	0	24.200000	0.151000	55	0
402	5	136	84	41	88	35.000000	0.286000	35	1
403	9	72	78	25	0	31.600000	0.280000	38	0
404	5	168	64	0	0	32.900000	0.135000	41	1
405	2	123	48	32	165	42.100000	0.520000	26	0
406	4	115	72	0	0	28.900000	0.376000	46	1
407	0	101	62	0	0	21.900000	0.336000	25	0
408	8	197	74	0	0	25.900000	1.191000	39	1
409	1	172	68	49	579	42.400000	0.702000	28	1
410	6	102	90	39	0	35.700000	0.674000	28	0
411	1	112	72	30	176	34.400000	0.528000	25	0
412	1	143	84	23	310	42.400000	1.076000	22	0
413	1	143	74	22	61	26.200000	0.256000	21	0
414	0	138	60	35	167	34.600000	0.534000	21	1
415	3	173	84	33	474	35.700000	0.258000	22	1
416	1	97	68	21	0	27.200000	1.095000	22	0
417	4	144	82	32	0	38.500000	0.554000	37	1
418	1	83	68	0	0	18.200000	0.624000	27	0
419	3	129	64	29	115	26.400000	0.219000	28	1
420	1	119	88	41	170	45.300000	0.507000	26	0

421	2	94	68	18	76	26.000000	0.561000	21	0
422	0	102	64	46	78	40.600000	0.496000	21	0
423	2	115	64	22	0	30.800000	0.421000	21	0
424	8	151	78	32	210	42.900000	0.516000	36	1
425	4	184	78	39	277	37.000000	0.264000	31	1
426	0	94	0	0	0	0.000000	0.256000	25	0
427	1	181	64	30	180	34.100000	0.328000	38	1
428	0	135	94	46	145	40.600000	0.284000	26	0
429	1	95	82	25	180	35.000000	0.233000	43	1
430	2	99	0	0	0	22.200000	0.108000	23	0
431	3	89	74	16	85	30.400000	0.551000	38	0
432	1	80	74	11	60	30.000000	0.527000	22	0
433	2	139	75	0	0	25.600000	0.167000	29	0
434	1	90	68	8	0	24.500000	1.138000	36	0
435	0	141	0	0	0	42.400000	0.205000	29	1
436	12	140	85	33	0	37.400000	0.244000	41	0
437	5	147	75	0	0	29.900000	0.434000	28	0
438	1	97	70	15	0	18.200000	0.147000	21	0
439	6	107	88	0	0	36.800000	0.727000	31	0
440	0	189	104	25	0	34.300000	0.435000	41	1
441	2	83	66	23	50	32.200000	0.497000	22	0
442	4	117	64	27	120	33.200000	0.230000	24	0
443	8	108	70	0	0	30.500000	0.955000	33	1
444	4	117	62	12	0	29.700000	0.380000	30	1
445	0	180	78	63	14	59.400000	2.420000	25	1
446	1	100	72	12	70	25.300000	0.658000	28	0
447	0	95	80	45	92	36.500000	0.330000	26	0
448	0	104	64	37	64	33.600000	0.510000	22	1
449	0	120	74	18	63	30.500000	0.285000	26	0
450	1	82	64	13	95	21.200000	0.415000	23	0
451	2	134	70	0	0	28.900000	0.542000	23	1
452	0	91	68	32	210	39.900000	0.381000	25	0
453	2	119	0	0	0	19.600000	0.832000	72	0
454	2	100	54	28	105	37.800000	0.498000	24	0
455	14	175	62	30	0	33.600000	0.212000	38	1
456	1	135	54	0	0	26.700000	0.687000	62	0
457	5	86	68	28	71	30.200000	0.364000	24	0
458	10	148	84	48	237	37.600000	1.001000	51	1
459	9	134	74	33	60	25.900000	0.460000	81	0
460	9	120	72	22	56	20.800000	0.733000	48	0
461	1	71	62	0	0	21.800000	0.416000	26	0
462	8	74	70	40	49	35.300000	0.705000	39	0
463	5	88	78	30	0	27.600000	0.258000	37	0
464	10	115	98	0	0	24.000000	1.022000	34	0
465	0	124	56	13	105	21.800000	0.452000	21	0
466	0	74	52	10	36	27.800000	0.269000	22	0
467	0	97	64	36	100	36.800000	0.600000	25	0

468	8	120	0	0	0	30.000000	0.183000	38	1
469	6	154	78	41	140	46.100000	0.571000	27	0
470	1	144	82	40	0	41.300000	0.607000	28	0
471	0	137	70	38	0	33.200000	0.170000	22	0
472	0	119	66	27	0	38.800000	0.259000	22	0
473	7	136	90	0	0	29.900000	0.210000	50	0
474	4	114	64	0	0	28.900000	0.126000	24	0
475	0	137	84	27	0	27.300000	0.231000	59	0
476	2	105	80	45	191	33.700000	0.711000	29	1
477	7	114	76	17	110	23.800000	0.466000	31	0
478	8	126	74	38	75	25.900000	0.162000	39	0
479	4	132	86	31	0	28.000000	0.419000	63	0
480	3	158	70	30	328	35.500000	0.344000	35	1
481	0	123	88	37	0	35.200000	0.197000	29	0
482	4	85	58	22	49	27.800000	0.306000	28	0
483	0	84	82	31	125	38.200000	0.233000	23	0
484	0	145	0	0	0	44.200000	0.630000	31	1
485	0	135	68	42	250	42.300000	0.365000	24	1
486	1	139	62	41	480	40.700000	0.536000	21	0
487	0	173	78	32	265	46.500000	1.159000	58	0
488	4	99	72	17	0	25.600000	0.294000	28	0
489	8	194	80	0	0	26.100000	0.551000	67	0
490	2	83	65	28	66	36.800000	0.629000	24	0
491	2	89	90	30	0	33.500000	0.292000	42	0
492	4	99	68	38	0	32.800000	0.145000	33	0
493	4	125	70	18	122	28.900000	1.144000	45	1
494	3	80	0	0	0	0.000000	0.174000	22	0
495	6	166	74	0	0	26.600000	0.304000	66	0
496	5	110	68	0	0	26.000000	0.292000	30	0
497	2	81	72	15	76	30.100000	0.547000	25	0
498	7	195	70	33	145	25.100000	0.163000	55	1
499	6	154	74	32	193	29.300000	0.839000	39	0
500	2	117	90	19	71	25.200000	0.313000	21	0
501	3	84	72	32	0	37.200000	0.267000	28	0
502	6	0	68	41	0	39.000000	0.727000	41	1
503	7	94	64	25	79	33.300000	0.738000	41	0
504	3	96	78	39	0	37.300000	0.238000	40	0
505	10	75	82	0	0	33.300000	0.263000	38	0
506	0	180	90	26	90	36.500000	0.314000	35	1
507	1	130	60	23	170	28.600000	0.692000	21	0
508	2	84	50	23	76	30.400000	0.968000	21	0
509	8	120	78	0	0	25.000000	0.409000	64	0
510	12	84	72	31	0	29.700000	0.297000	46	1
511	0	139	62	17	210	22.100000	0.207000	21	0
512	9	91	68	0	0	24.200000	0.200000	58	0
513	2	91	62	0	0	27.300000	0.525000	22	0
514	3	99	54	19	86	25.600000	0.154000	24	0

515	3	163	70	18	105	31.600000	0.268000	28	1
516	9	145	88	34	165	30.300000	0.771000	53	1
517	7	125	86	0	0	37.600000	0.304000	51	0
518	13	76	60	0	0	32.800000	0.180000	41	0
519	6	129	90	7	326	19.600000	0.582000	60	0
520	2	68	70	32	66	25.000000	0.187000	25	0
521	3	124	80	33	130	33.200000	0.305000	26	0
522	6	114	0	0	0	0.000000	0.189000	26	0
523	9	130	70	0	0	34.200000	0.652000	45	1
524	3	125	58	0	0	31.600000	0.151000	24	0
525	3	87	60	18	0	21.800000	0.444000	21	0
526	1	97	64	19	82	18.200000	0.299000	21	0
527	3	116	74	15	105	26.300000	0.107000	24	0
528	0	117	66	31	188	30.800000	0.493000	22	0
529	0	111	65	0	0	24.600000	0.660000	31	0
530	2	122	60	18	106	29.800000	0.717000	22	0
531	0	107	76	0	0	45.300000	0.686000	24	0
532	1	86	66	52	65	41.300000	0.917000	29	0
533	6	91	0	0	0	29.800000	0.501000	31	0
534	1	77	56	30	56	33.300000	1.251000	24	0
535	4	132	0	0	0	32.900000	0.302000	23	1
536	0	105	90	0	0	29.600000	0.197000	46	0
537	0	57	60	0	0	21.700000	0.735000	67	0
538	0	127	80	37	210	36.300000	0.804000	23	0
539	3	129	92	49	155	36.400000	0.968000	32	1
540	8	100	74	40	215	39.400000	0.661000	43	1
541	3	128	72	25	190	32.400000	0.549000	27	1
542	10	90	85	32	0	34.900000	0.825000	56	1
543	4	84	90	23	56	39.500000	0.159000	25	0
544	1	88	78	29	76	32.000000	0.365000	29	0
545	8	186	90	35	225	34.500000	0.423000	37	1
546	5	187	76	27	207	43.600000	1.034000	53	1
547	4	131	68	21	166	33.100000	0.160000	28	0
548	1	164	82	43	67	32.800000	0.341000	50	0
549	4	189	110	31	0	28.500000	0.680000	37	0
550	1	116	70	28	0	27.400000	0.204000	21	0
551	3	84	68	30	106	31.900000	0.591000	25	0
552	6	114	88	0	0	27.800000	0.247000	66	0
553	1	88	62	24	44	29.900000	0.422000	23	0
554	1	84	64	23	115	36.900000	0.471000	28	0
555	7	124	70	33	215	25.500000	0.161000	37	0
556	1	97	70	40	0	38.100000	0.218000	30	0
557	8	110	76	0	0	27.800000	0.237000	58	0
558	11	103	68	40	0	46.200000	0.126000	42	0
559	11	85	74	0	0	30.100000	0.300000	35	0
560	6	125	76	0	0	33.800000	0.121000	54	1
561	0	198	66	32	274	41.300000	0.502000	28	1

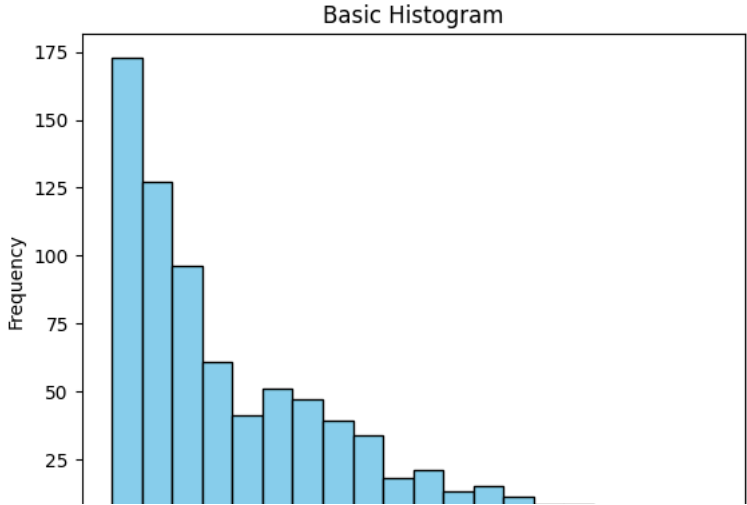
562	1	87	68	34	77	37.600000	0.401000	24	0
563	6	99	60	19	54	26.900000	0.497000	32	0
564	0	91	80	0	0	32.400000	0.601000	27	0
565	2	95	54	14	88	26.100000	0.748000	22	0
566	1	99	72	30	18	38.600000	0.412000	21	0
567	6	92	62	32	126	32.000000	0.085000	46	0
568	4	154	72	29	126	31.300000	0.338000	37	0
569	0	121	66	30	165	34.300000	0.203000	33	1
570	3	78	70	0	0	32.500000	0.270000	39	0
571	2	130	96	0	0	22.600000	0.268000	21	0
572	3	111	58	31	44	29.500000	0.430000	22	0
573	2	98	60	17	120	34.700000	0.198000	22	0
574	1	143	86	30	330	30.100000	0.892000	23	0
575	1	119	44	47	63	35.500000	0.280000	25	0
576	6	108	44	20	130	24.000000	0.813000	35	0
577	2	118	80	0	0	42.900000	0.693000	21	1
578	10	133	68	0	0	27.000000	0.245000	36	0
579	2	197	70	99	0	34.700000	0.575000	62	1
580	0	151	90	46	0	42.100000	0.371000	21	1
581	6	109	60	27	0	25.000000	0.206000	27	0
582	12	121	78	17	0	26.500000	0.259000	62	0
583	8	100	76	0	0	38.700000	0.190000	42	0
584	8	124	76	24	600	28.700000	0.687000	52	1
585	1	93	56	11	0	22.500000	0.417000	22	0
586	8	143	66	0	0	34.900000	0.129000	41	1
587	6	103	66	0	0	24.300000	0.249000	29	0
588	3	176	86	27	156	33.300000	1.154000	52	1
589	0	73	0	0	0	21.100000	0.342000	25	0
590	11	111	84	40	0	46.800000	0.925000	45	1
591	2	112	78	50	140	39.400000	0.175000	24	0
592	3	132	80	0	0	34.400000	0.402000	44	1
593	2	82	52	22	115	28.500000	1.699000	25	0
594	6	123	72	45	230	33.600000	0.733000	34	0
595	0	188	82	14	185	32.000000	0.682000	22	1
596	0	67	76	0	0	45.300000	0.194000	46	0
597	1	89	24	19	25	27.800000	0.559000	21	0
598	1	173	74	0	0	36.800000	0.088000	38	1
599	1	109	38	18	120	23.100000	0.407000	26	0
600	1	108	88	19	0	27.100000	0.400000	24	0
601	6	96	0	0	0	23.700000	0.190000	28	0
602	1	124	74	36	0	27.800000	0.100000	30	0
603	7	150	78	29	126	35.200000	0.692000	54	1
604	4	183	0	0	0	28.400000	0.212000	36	1
605	1	124	60	32	0	35.800000	0.514000	21	0
606	1	181	78	42	293	40.000000	1.258000	22	1
607	1	92	62	25	41	19.500000	0.482000	25	0
608	0	152	82	39	272	41.500000	0.270000	27	0

609	1	111	62	13	182	24.000000	0.138000	23	0
610	3	106	54	21	158	30.900000	0.292000	24	0
611	3	174	58	22	194	32.900000	0.593000	36	1
612	7	168	88	42	321	38.200000	0.787000	40	1
613	6	105	80	28	0	32.500000	0.878000	26	0
614	11	138	74	26	144	36.100000	0.557000	50	1
615	3	106	72	0	0	25.800000	0.207000	27	0
616	6	117	96	0	0	28.700000	0.157000	30	0
617	2	68	62	13	15	20.100000	0.257000	23	0
618	9	112	82	24	0	28.200000	1.282000	50	1
619	0	119	0	0	0	32.400000	0.141000	24	1
620	2	112	86	42	160	38.400000	0.246000	28	0
621	2	92	76	20	0	24.200000	1.698000	28	0
622	6	183	94	0	0	40.800000	1.461000	45	0
623	0	94	70	27	115	43.500000	0.347000	21	0
624	2	108	64	0	0	30.800000	0.158000	21	0
625	4	90	88	47	54	37.700000	0.362000	29	0
626	0	125	68	0	0	24.700000	0.206000	21	0
627	0	132	78	0	0	32.400000	0.393000	21	0
628	5	128	80	0	0	34.600000	0.144000	45	0
629	4	94	65	22	0	24.700000	0.148000	21	0
630	7	114	64	0	0	27.400000	0.732000	34	1
631	0	102	78	40	90	34.500000	0.238000	24	0
632	2	111	60	0	0	26.200000	0.343000	23	0
633	1	128	82	17	183	27.500000	0.115000	22	0
634	10	92	62	0	0	25.900000	0.167000	31	0
635	13	104	72	0	0	31.200000	0.465000	38	1
636	5	104	74	0	0	28.800000	0.153000	48	0
637	2	94	76	18	66	31.600000	0.649000	23	0
638	7	97	76	32	91	40.900000	0.871000	32	1
639	1	100	74	12	46	19.500000	0.149000	28	0
640	0	102	86	17	105	29.300000	0.695000	27	0
641	4	128	70	0	0	34.300000	0.303000	24	0
642	6	147	80	0	0	29.500000	0.178000	50	1
643	4	90	0	0	0	28.000000	0.610000	31	0
644	3	103	72	30	152	27.600000	0.730000	27	0
645	2	157	74	35	440	39.400000	0.134000	30	0
646	1	167	74	17	144	23.400000	0.447000	33	1
647	0	179	50	36	159	37.800000	0.455000	22	1
648	11	136	84	35	130	28.300000	0.260000	42	1
649	0	107	60	25	0	26.400000	0.133000	23	0
650	1	91	54	25	100	25.200000	0.234000	23	0
651	1	117	60	23	106	33.800000	0.466000	27	0
652	5	123	74	40	77	34.100000	0.269000	28	0
653	2	120	54	0	0	26.800000	0.455000	27	0
654	1	106	70	28	135	34.200000	0.142000	22	0
655	0	155	50	27	510	20.700000	0.210000	25	1

655	2	100	52	27	340	38.700000	0.240000	25	1
656	2	101	58	35	90	21.800000	0.155000	22	0
657	1	120	80	48	200	38.900000	1.162000	41	0
658	11	127	106	0	0	39.000000	0.190000	51	0
659	3	80	82	31	70	34.200000	1.292000	27	1
660	10	162	84	0	0	27.700000	0.182000	54	0
661	1	199	76	43	0	42.900000	1.394000	22	1
662	8	167	106	46	231	37.600000	0.165000	43	1
663	9	145	80	46	130	37.900000	0.637000	40	1
664	6	115	60	39	0	33.700000	0.245000	40	1
665	1	112	80	45	132	34.800000	0.217000	24	0
666	4	145	82	18	0	32.500000	0.235000	70	1
667	10	111	70	27	0	27.500000	0.141000	40	1
668	6	98	58	33	190	34.000000	0.430000	43	0
669	9	154	78	30	100	30.900000	0.164000	45	0
670	6	165	68	26	168	33.600000	0.631000	49	0
671	1	99	58	10	0	25.400000	0.551000	21	0
672	10	68	106	23	49	35.500000	0.285000	47	0
673	3	123	100	35	240	57.300000	0.880000	22	0
674	8	91	82	0	0	35.600000	0.587000	68	0
675	6	195	70	0	0	30.900000	0.328000	31	1
676	9	156	86	0	0	24.800000	0.230000	53	1
677	0	93	60	0	0	35.300000	0.263000	25	0
678	3	121	52	0	0	36.000000	0.127000	25	1
679	2	101	58	17	265	24.200000	0.614000	23	0
680	2	56	56	28	45	24.200000	0.332000	22	0
681	0	162	76	36	0	49.600000	0.364000	26	1
682	0	95	64	39	105	44.600000	0.366000	22	0
683	4	125	80	0	0	32.300000	0.536000	27	1
684	5	136	82	0	0	0.000000	0.640000	69	0
685	2	129	74	26	205	33.200000	0.591000	25	0
686	3	130	64	0	0	23.100000	0.314000	22	0
687	1	107	50	19	0	28.300000	0.181000	29	0
688	1	140	74	26	180	24.100000	0.828000	23	0
689	1	144	82	46	180	46.100000	0.335000	46	1
690	8	107	80	0	0	24.600000	0.856000	34	0
691	13	158	114	0	0	42.300000	0.257000	44	1
692	2	121	70	32	95	39.100000	0.886000	23	0
693	7	129	68	49	125	38.500000	0.439000	43	1
694	2	90	60	0	0	23.500000	0.191000	25	0
695	7	142	90	24	480	30.400000	0.128000	43	1
696	3	169	74	19	125	29.900000	0.268000	31	1
697	0	99	0	0	0	25.000000	0.253000	22	0
698	4	127	88	11	155	34.500000	0.598000	28	0
699	4	118	70	0	0	44.500000	0.904000	26	0
700	2	122	76	27	200	35.900000	0.483000	26	0
701	6	125	78	31	0	27.600000	0.565000	49	1
---	.	---	--	--	-	-----	-	--	.

702	1	168	88	29	0	35.000000	0.905000	52	1
703	2	129	0	0	0	38.500000	0.304000	41	0
704	4	110	76	20	100	28.400000	0.118000	27	0
705	6	80	80	36	0	39.800000	0.177000	28	0
706	10	115	0	0	0	0.000000	0.261000	30	1
707	2	127	46	21	335	34.400000	0.176000	22	0
708	9	164	78	0	0	32.800000	0.148000	45	1
709	2	93	64	32	160	38.000000	0.674000	23	1
710	3	158	64	13	387	31.200000	0.295000	24	0
711	5	126	78	27	22	29.600000	0.439000	40	0
712	10	129	62	36	0	41.200000	0.441000	38	1
713	0	134	58	20	291	26.400000	0.352000	21	0
714	3	102	74	0	0	29.500000	0.121000	32	0
715	7	187	50	33	392	33.900000	0.826000	34	1
716	3	173	78	39	185	33.800000	0.970000	31	1
717	10	94	72	18	0	23.100000	0.595000	56	0
718	1	108	60	46	178	35.500000	0.415000	24	0
719	5	97	76	27	0	35.600000	0.378000	52	1
720	4	83	86	19	0	29.300000	0.317000	34	0
721	1	114	66	36	200	36.100000	0.289000	21	0

```
plt.hist( df['Age'], bins=20, color='skyblue', edgecolor='black')
plt.title('Basic Histogram')
plt.xlabel('Age')
plt.ylabel('Frequency')
plt.show()
```



0.496000	25	0
0.433000	22	0
0.326000	22	0
0.141000	22	0
0.323000	34	1
0.259000	22	1
0.646000	24	1
0.426000	22	0
0.560000	53	0
0.284000	28	0
0.515000	21	0
0.600000	42	0